

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
REQUEST FOR AIRCRAFT SUPPORT

MAIL OR FAX COMPLETED FORM TO: NOAA's Marine and Aviation Operations, Program Services and Outsourcing Division,
SSMC#3 Room 12872, 1315 East-West Highway, Silver Spring, MD 20910. Fax: 301-713-1541, Phone: 301-713-1045

1. PROJECT NAME (OR BRIEF DESCRIPTION OF MISSION)

2. NOAA MISSION GOALS SUPPORTED BY THE PROJECT (SELECT ALL SHOW PERCENTAGES IF SELECTING MORE THAN ONE) UNKNOWN
 CLIMATE WEATHER / WATER ECOSYSTEM COMMERCE / TRANSPORTATION

3. PPBES PROGRAM(S) SUPPORTED BY THE PROJECT/MISSION:

4. REQUESTED PROJECT DATE (S)

5. TOTAL NUMBER OF PROJECT DAY (S)

6. REQUESTED FLIGHT HOURS

7. TYPE OF AIRCRAFT REQUESTED

8. PLANNED FLIGHT HOURS PER MONTH (FOR MONTHLY REPORTING)

9. PROJECT AREA (STAGING AREA AND AREA OF OPERATION)

10. FLIGHT SCHEDULE PROFILE (S) (IE. ALTITUDE, SPEED, DURATION, TIME OF DAY, REQUIRED WEATHER)

ADDITIONAL INFORMATION WILL BE NEEDED FOR PROJECTS REQUIRING AIRCRAFT MODIFICATION AND/OR INSTRUMENTATION

11. FIELD OF SCIENCE CATEGORY (SEE FORM INSTRUCTIONS)

12. NSF R&D CATEGORY (SEE FORM INSTRUCTIONS)

13. ABSTRACT OF PROPOSAL/BRIEF DESCRIPTION OF PROGRAM OR PROJECT

14. IMPACT STATEMENT (IMPACT OF PROJECT NOT BEING FUNDED)

15. DO YOU REQUIRE DROPSONDES FOR YOUR PROJECT? (SELECT ONE YES NO (IF NO, SKIP TO BLOCK 16)

IF DROPSONDES REQUIRED, LIST TOTAL NUMBER NEEDED: _____

IS PROGRAM FUNDING AVAILABLE TO PURCHASE YOUR DROPSONDES? (SELECT ONE YES NO

16. IF A NOAA FLEET AIRCRAFT IS UNAVAILABLE OR NOT ECONOMICAL, DO YOU WANT TO CHARTER AN AIRCRAFT TO SUPPORT YOUR PROJECT? (SELECT ONE YES NO

17. FUNDING SOURCE: (SELECT ALL)

NOAA AIRCRAFT SERVICES FUNDS NOAA PROGRAM FUNDS

NON-NOAA FUNDS UNKNOWN

18. NMAO ASSIGNED CLEARANCE NUMBER FOR AIRCRAFT CHARTER:

19. NOAA PPBES PROGRAM MANAGER APPROVAL OF AIRCRAFT REQUEST

Print Name

Signature/Date

Print Name

Signature/Date

20. PRINCIPAL INVESTIGATOR / PRIMARY POINT OF CONTACT
(Complete address, phone, fax, Email)

21. FUNDING AGENCY / SPONSOR AUTHORIZED TO SIGN THE FINANCIAL
OPERATING PLAN (FOP) (Complete address, phone, fax, Email)

Signature/Date

Signature/Date

REQUEST FOR AIRCRAFT SUPPORT
Continuation Page

NOAA Form 56-48 (Request for Aircraft Support) Instructions

Block 1: Project Name (or brief description of Mission)

List project name or briefly describe mission (example: passenger transportation to meeting).

Block 2: NOAA Mission Goals Supported by the Project (Select all and show percentages if selecting more than one)

Check the appropriate box(es) and identify the percentages supported if selecting more than one Mission Goal.

Block 3: PPBES Program(s) supported by the Project/Mission

List the Program(s) within the Mission Goal(s) that are supported by the Project/Mission. The Programs and Mission Goals can be found at: <https://www.ppbs.noaa.gov/index.html> (NOAA email login required for access)

Block 4: Requested Project Date(s)

List Date range

Block 5: Total number of Project Day(s)

List total Project days required

Block 6: Requested Flight Hours

List total flight hours required

Block 7: Type of Aircraft Requested

List aircraft type if specific type is required, otherwise list characteristics such as high wing multi-engine, etc.

Block 8: Planned Flight Hours per Month

List the number of hours planned for the project by month (example: May-100 hrs, June-50 hrs)

Block 9: Project Area (staging area and area of operation)

List location of the project

Block 10: Flight Schedule Profile(s) (ie. Altitude, speed, duration, time of day, required weather)

List Flight Profile

Block 11: Field of Science Category

List the number and appropriate category from the following list – if using more than one please show percentage of each:

(1) **Basic Research** - Not applicable to NOAA

(2) **Applied Research** - is primarily interested in a practical use of knowledge or understanding for the purpose of meeting a recognized need.

(3) Development Directed - is systematic use of the knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

(4) NON R&D - routine product testing, quality control, mapping and surveys, collection of general-purpose statistics, experimental production, and activities concerned primarily with the dissemination of scientific information and the training of scientific staff.

Block 12: NSF R&D Category

List the number and appropriate category from the following list – if using more than one please show percentage of each:

NA Not applicable - if NSF code is 4- Non R&D

- 11 Astronomy
- 12 Chemistry
- 13 Physics
- 19 Physical Science
- 21 Mathematics
- 22 Computer Science
- 29 Math/computer Science
- 31 Atmospheric Science
- 32 Geological Science
- 33 Oceanography
- 39 Environmental Science
- 41 Aeronautical Engineering
- 42 Astronautical Engineering
- 43 Chemical Engineering
- 44 Civil Engineering
- 45 Electrical Engineering
- 46 Mechanical Engineering
- 47 Metallurgy & Material
- 49 Engineering
- 51 Biological
- 54 Environmental Biology
- 55 Agricultural
- 56 Medical
- 59 Life Science
- 61 Biological Psychology
- 69 Psychological Science
- 71 Anthropology
- 72 Economics
- 75 Political Science
- 76 Sociology
- 79 Social Sciences
- 80 Cryogenics (NIST)
- 81 Measurement (NIST)
- 82 Other Engineering (NIST)
- 99 Other Science

Block 13: Abstract of Proposal/Brief Description of Program or Project

Describe Project/Mission

Block 14: Impact Statement (Impact of project not being funded)

Describe the impact (to NOAA and the nation) of this request not being funded

Block 15: Do you require Dropsondes for your project?

Indicate by checking the appropriate box and if you do require dropsondes, list the number required and whether or not funding is available in your program to purchase them

Block 16: If a NOAA Fleet aircraft is unavailable or not economical, do you want to charter an aircraft to support your project?

Indicate your desire to outsource this project if a NOAA Marine and Aviation Operations Aircraft Operation Center aircraft will not be available to support your project due to schedule conflicts or cost

Block 17: Funding Source

Indicate by checking the appropriate box or boxes:

Aircraft Services Funds = AOC Base Funded project

NOAA Program Funds = NOAA Mission Goal Program will fund the flight hours

Non-NOAA Funds = Funds from an outside agency to support flight hours

Block 18: NMAO Assigned Clearance Number for Aircraft Charter

As per NOAA Administrative Order (NAO 216-104) (<http://www.rdc.noaa.gov/~nao/216-104.html>) Section 7.03, clearance must be obtained from NOAA Marine and Aviation Operations Program Services and Outsourcing Division prior to chartering and aircraft. NMAO will fill in this block and fax the form back to the requestor if charter is required.

Block 19: NOAA PPBES Program Manager Approval of Aircraft Request

NOAA PPBES Program Manager must sign the aircraft request (if requesting the use of a NOAA aircraft) prior to submitting it to NMAO. The current Program Manager listing is available at: <https://www.ppbs.noaa.gov/index.html> (NOAA email login required for access).

Block 20: Principle Investigator/Primary Point of Contact

Provide contact information

Block 21: Funding Agency/Sponsor Authorized to Sign the Financial Operating Plan

Provide contact information